

LIQUID DRIP POT

There are two different configurations for dumping the liquid drip pot as it is separated from the vent gas before it is burned in the ECD.

- 1) The first configuration uses a Drip Pot where the liquid has to be manually dumped.
- 2) The second configuration uses an automated liquid dump Drip Pot. In this system the liquid is automatically dumped back into the tanks or separate reservoir/sump.

Operation:

- a) When vent gas from the tanks enter the Drip Pot, the gaseous components continue out through the connection near the top of the drip pot to the ECD and the entrained liquids drop to the bottom.
- b) As liquids accumulate in the drip pot, the level will rise and trip the level control.
- c) The level control will open a low control valve and pressure up the drip pot and "boost" the liquid enough to push it back into the stock tank(s). Alternatively, a gas powered pump can used to pump the liquid back to the stock tank(s).

DANGER

It is imperative that liquids are not introduced into the ECD burner. Condensate/water liquids entering an ECD burner can cause uncontrolled flare-ups, erratic combustion and soot formation. These are extremely dangerous situations that can cause injury to personnel and destruction of equipment.